

## Message Text

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ACTION EA-09

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INFO DOD

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S E C R E T SEOUL 9594

E.O. 11652: GDS

TAGS: MASS, KS, US

SUBJECT: OPENING OF ADD TAEJON FACILITY

SUMMARY. GENERAL BURNS AND GENERAL STREET ATTENDED DEDICATION CEREMONY FOR NEW ADD FACILITY AT TAEJON. ON THE SURFACE, IT APPEARS THAT IN 2-1/2 MONTHS ROKG ACCOMPLISHED TASKS THAT NORMALLY MIGHT HAVE BEEN EXPECTED TO TAKE A YEAR. END SUMMARY.

1. ON A VERY CLOSE-HOLD BASIS INVITATIONS WERE EXTENDED TO GENERAL BURNS, ACTING COMUSK, AND GENERAL STREET, CHIEF JUSMAG, TO ATTEND THE OPENING OF THE ADD FACILITY AT TAEJON ON DECEMBER 2. IN ATTENDANCE WERE PRESIDENT PARK, MINISTER SUH, ROK SERVICE CHIEFS, MEMBERS OF THE NATIONAL DEFENSE COMMITTEE, PUBLISHERS AND OTHER SENIOR ROKG OFFICIALS.

2. THE PARTICIPANTS IN THE CEREMONY WERE PROVIDED A BRIEFING ON THE PLANS AND PROGRAMS FOR THE TAEJON FACILITY AND THE MISSILE-RANGE FACILITY AND WERE PROVIDED TOURS OF THE MAIN BUILDING, THE LOCKHEED PROPELLANT FACILITY, THE WIND TUNNEL FACILITY, THE STATIC FIRING FACILITY AND THE CHEMICAL PLANT.

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3. ALL THE BRIEFINGS WERE GIVEN IN KOREAN AND WE THEREFORE HAVE ONLY VERY SLIGHT KNOWLEDGE OF WHAT WAS SAID. WE HAVE REQUESTED COPIES OF THE BRIEFINGS SO THAT THEY COULD BE TRANSLATED FULLY.

4. THE FOLLOWING ITEMS WERE NOTED BY THE AMERICAN PARTICIPANTS:

A. A BREAD-BOARD MODEL OF A DIGITIZED INTEGRATED CIRCUIT NIKE-HERCULES GUIDANCE PACKAGE WAS DEMONSTRATED.

B. ADD WAS PURSUING SOME WORK ON GYRO ACCURACIES.

C. DEVELOPMENTS WORK WAS APPARENTLY BEING CONSIDERED FOR THREE CLUSTER WARHEADS: EBW, M-48 AND T20E1. A CUT-AWAY MODEL WAS DISPLAYED FOR A CLUSTER BOMB SIMILAR TO OUR CBU. IT IS THE VIEW OF GENERALS BURNS AND STREET THAT THE BOMBLET COMPONENT WAS PART OF A SIGNIFICANTLY LARGE DELIVERY VEHICLE AND MAYBE NOT A BOMB.

D. IN THE LOCKHEED PROPELLANT FACILITY THE LARGE X-RAY MACHINE WAS DEMONSTRATED. THE FACILITY APPEARED LARGE ENOUGH TO X-RAY BOOSTERS OR ROCKET MOTORS OF AT LEAST 20 FEET IN LENGTH AND THREE TO FOUR FEET IN DIAMETER, EITHER IN A HORIZONTAL OR VERTICAL POSITION.

E. AT THE GRINDING FACILITY, THE AMERICAN PARTICIPANTS WERE ADVISED THAT A RUN HAD BEEN MADE IN WHICH THREE MICRON PARTICLES WERE OBTAINED. HOWEVER, IT APPEARED THAT THE PERCENTAGE OF EFFECTIVENESS WAS LOWER THAN HAD BEEN DESIRED.

F. AT THE 300-GALLON MIXING FACILITY, A DEMONSTRATION WAS CONDUCTED OF A BLADE ROTATION AND THE MONITORING FACILITIES ASSOCIATED THEREWITH. NO MIXING HAD YET OCCURRED.

G. AT THE WIND TUNNEL FACILITY, A FLOOR LAYOUT MODEL WAS UTILIZED TO DEMONSTRATE THE OPERATIONS OF BOTH THE  
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ONE BY ONE AND FOUR BY FOUR WIND TUNNELS. IT WAS REVEALED FOR THE FIRST TIME THAT FOUR AIR RESERVOIRS WERE PLANNED AND REQUIRED TO OPERATE THE FOUR BY FOUR TUNNEL.

H. AT THE STATIC TEST FACILITY, TWO SMALL ROCKETS WERE TESTED IN A FLAWLESS AND PROFESSIONAL MANNER.

I. AT THE CHEMICAL BUILDING, THE AMERICAN OFFICERS

NOTICED THE EXISTENCE OF PRECISION MEASURING AND CALIBRATION DEVICES, VARIOUS TYPES OF OVENS, CENTRIFUGES AND OTHER TECHNICAL LABORATORY EQUIPMENT.

5. GENERAL STREET'S REPORT INCLUDES THE FOLLOWING COMMENT: HE "WAS ACTUALLY AMAZED BY THE PROGRESS THAT HAD BEEN MADE IN 2-1/2 MONTHS--ESTIMATED TO BE AN EQUIVALENT OF A NORMAL YEAR'S WORK IN COMPARABLE US FACILITY UNLESS THERE WAS A GREAT SENSE OF URGENCY. THE PRESENCE OF THE ECLIPSE COMPUTER PROVIDES A CAPABILITY TO DO THE TESTING AND EVALUATION OF THE NIKE-HERCULES GUIDANCE SYSTEM. THE INTEGRATED CIRCUITS ASSOCIATED WITH THE NIKE-HERCULES WERE MADE IN KIST; HOWEVER, THE ADD FACILITY IS TO HAVE THIS CAPABILITY SOON, AND THE BRIEFING CLEARLY REFLECTED A 370-158 IBM COMPUTER IS STILL PLANNED AS THE MAIN COMPUTER. THE LOCKHEED PROPELLANT PLANT APPARENTLY ONLY AWAITS THE DEMONSTRATION BY THE LOCKHEED PEOPLE OF TWO INERT BATCHES AND FINALLY A BATCH OF THE ADD SPECIFIED PROPELLANT. THE STATIC TEST FACILITY IS AS MODERN AS ANY THE UNDERSIGNED HAS SEEN. THE MATERIEL AND EQUIPMENT IN THE CHEMICAL LABORATORIES UNDOUBTEDLY WAS COSTLY AND AT LEAST FROM CASUAL OBSERVATION, APPEARED TO BE JAPANESE. THE ASSESSMENT OF THE OVERALL FACILITY IS THAT IT REFLECTS MORE THAN ONE YEAR OF WORK."

6. IT SHOULD ALSO BE NOTED THAT ALTHOUGH INITIALLY GENERAL BURNS AND STREET WERE BY PROTOCOL PLACED TO THE REAR OF THE CROWD, PRESIDENT PARK, HIMSELF, ASKED THAT THE TWO AMERICANS BE BROUGHT FORWARD AND THEREAFTER TOURED THE FACILITY IN VERY CLOSE PROXIMITY TO THE PRESIDENT.

7. COMMENT. THERE ARE TWO SIGNIFICANT ASPECTS OF THIS CEREMONY THAT MUST BE NOTED. ONE IS THE RAPIDITY WITH  
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WHICH THE ROKS HAVE MANAGED TO COMPLETE AN INTRICATE FACILITY. AS GENERAL STREET HAS NOTED, ADD MANAGED TO COMPLETE IN 2-1/2 MONTHS WHAT MIGHT NORMALLY BE EXPECTED TO TAKE AT LEAST A YEAR. SECONDLY, THE PRESIDENT'S GESTURE TO GIVE PRIORITY TREATMENT TO THE AMERICAN DELEGATION WAS PRESUMABLY INTENDED TO SIGNIFY HIS INTEREST IN CONTINUED US PARTICIPATION IN THE DEVELOPMENT OF THE FACILITY AND THE IMPORTANCE HE LAID TO THE AMERICAN PRESENCE. THERE WAS ALSO PROBABLY INVOLVED A TINGE OF NATIONALISTIC PRIDE TO SHOW HOW FAR AND HOW FAST THE ROKS COULD ESTABLISH A FACILITY WITH VERY LIMITED US PARTICIPATION.  
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